

October 18, 2022



NEVI PROGRAM AND EQUITY



MEETING AGENDA

- I. Welcome / Agenda
- II. MDOT's Environmental Justice Approach
- III. NEVI Background
- IV. How Equity Plays a Role
- V. What is Maryland Doing?
- VI. Next Steps
- VII. Discussion

MDOT'S ENVIRONMENTAL JUSTICE APPROACH

The Maryland Department of Transportation (MDOT) is committed to ensuring the equitable delivery of public transportation products, services, and solutions to all its users and stakeholders. MDOT will accomplish this by engaging with communities in a transparent and fair way regardless of race, culture, and income with respect to the development, adoption, implementation, and enforcement of environmental laws, regulations, and policies in transportation decision making. Environmental Justice is a critical investment for MDOT to ensure the sustainability of its residents, employees, environment, and the diverse communities in which we live.

Environmental Justice Principles



PROMOTING SHOVEL-WORTHY, OUTCOME-BASED, COMMUNITY-UPLIFTING PROJECTS

INTENTIONALLY PURSUING ALL OUR DIVERSE COMMUNITIES AND STAKEHOLDERS TO FOSTER MEANINGFUL ENGAGEMENT



FOCUSING ON AND ASSESSING THE TOTAL COST TO THE CITIZENS OF MARYLAND

NEVI BACKGROUND

NEVI BACKGROUND

MARYLAND STATE PLAN FOR NATIONAL ELECTRIC VEHICLE INFRASTRUCTURE (NEVI) FORMULA FUNDING DEPLOYMENT

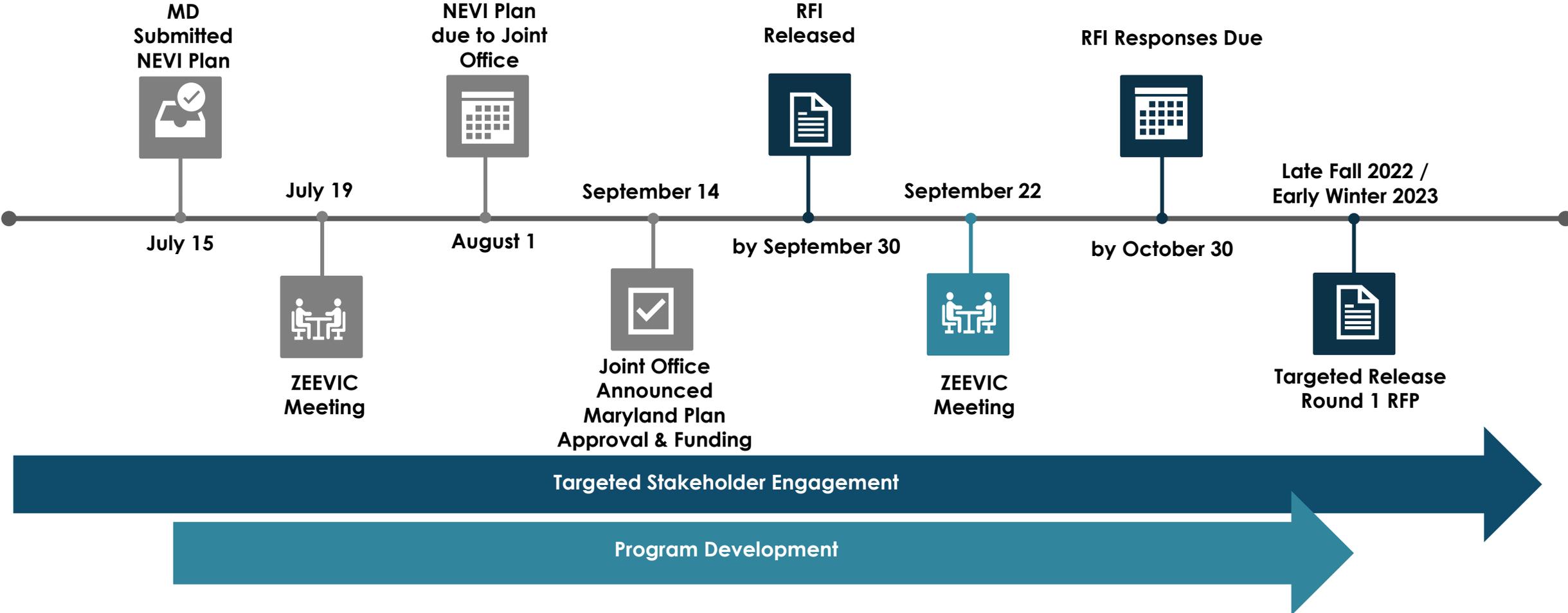


JULY 15, 2022

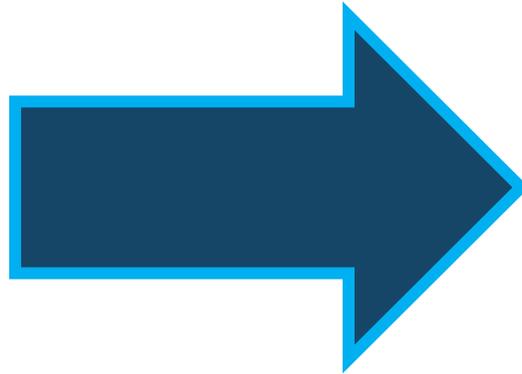
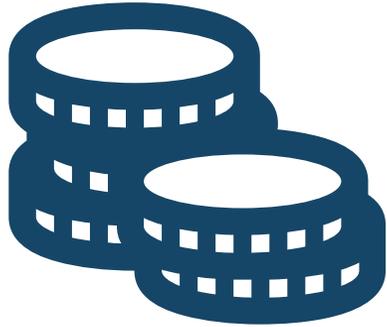


- All states submitted plans to the Joint Office August 1, 2022 (MD was one of the **first**)
- **\$57,500,000** for investment in Maryland (after set-asides)
- **Maryland Goals:**
 1. Certify Corridors
 2. Invest in Communities per **ZEEVIC**

Where are we in the process?



HOW EQUITY PLAYS A ROLE



At least 40% of the overall benefits of federal investments

Disadvantaged Communities

WHAT IS MARYLAND DOING?

NEVI Goals



Addressing Equity



ACCESSIBILITY

Ensuring all Marylanders and Visitors Have Access to Reliable EV Charging

Geographic Diversity

Rural/Urban

Corridors/Communities

Multi-Lingual Graphic User Interfaces

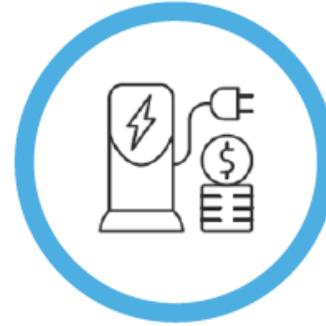
ADA Compliance

Multi-Unit Dwellings

Employment Centers

Safety While Charging

Grid Reliability



AFFORDABILITY

Creating Incentives, Innovations, and Systems that Increase Affordability of EV Ownership and Charging

Leveraging state, local, federal, and private funding

Cost of Vehicles

Cost of Charging

Mobility Hubs

Carshare

Rideshare

ZEV Transit



COMMUNICATION

Meeting People where they are, Listening, and Educating

Multi-Lingual Materials

Events

Webinars

Surveys and Polls

Geofencing

Website

Social Media

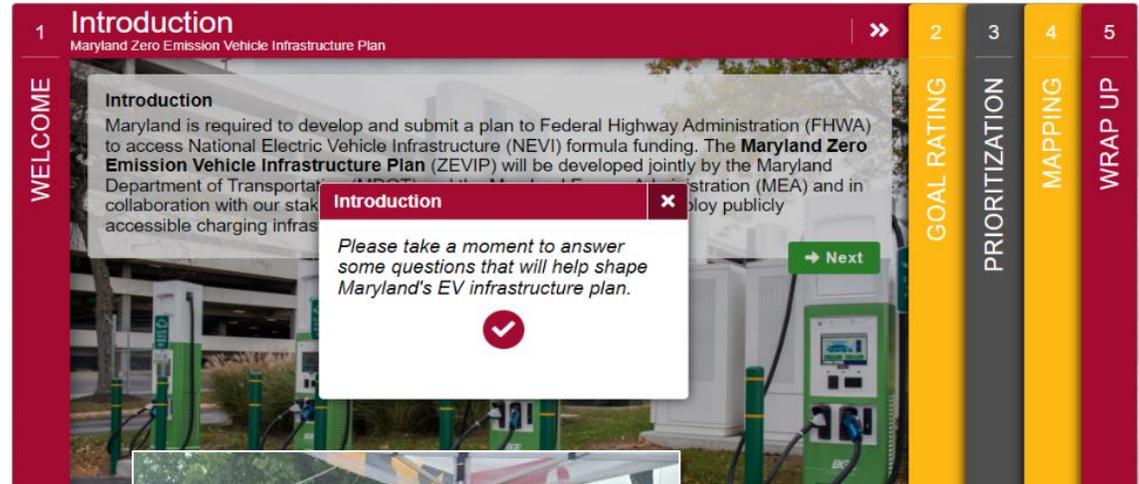
Calculators

Outreach

- 3 Webinars
 - 332 Total Participants
 - Interactive Polling and Q&As
 - Summarized on ZEVIP Website
- MetroQuest Survey
 - 793 Total Participants
 - 500 Participants after NEVI Plan submission
- Presentations
 - ZEEVIC, MPOs, Non-Profits, etc.
- ZEEVIC Outreach Activities
 - 6 Community Events in 2022
 - 5 Completed Events
 - Baltimore, Salisbury, Boonsboro, Westminster, Cumberland
 - 1 Upcoming Event - Leonardtown

Maryland ZEVIP Stakeholder Survey

More at <https://evplan.mdot.maryland.gov/>



Mentimeter Questions

How would you define a rural or disadvantaged community?



What are your top equity concerns related to EV infrastructure? Any Barriers?



Where do you think charging would be best suited in rural and disadvantaged communities?



NEVI Toolkit Overview



NEVI Information by Census Tract

Use the **Search Bar** to obtain a ZEVIP Overall Site-Based Demand Summary.

If you place your cursor in the **search bar**, a drop-down will appear to use your current location. You can also **click anywhere** on the map to choose a specific location.

Additionally, there is a location radius between 1-5,000 ft. You can change the radius by sliding the circle to your desired radius.

Once you select a location, your results will be summarized directly below the radius line. You can export your results by clicking the PDF icon. If this button does not work in a specific browser, it should work by **opening the content in a new tab**. You can do so by clicking the square with the arrow in the top right-hand corner of the map.

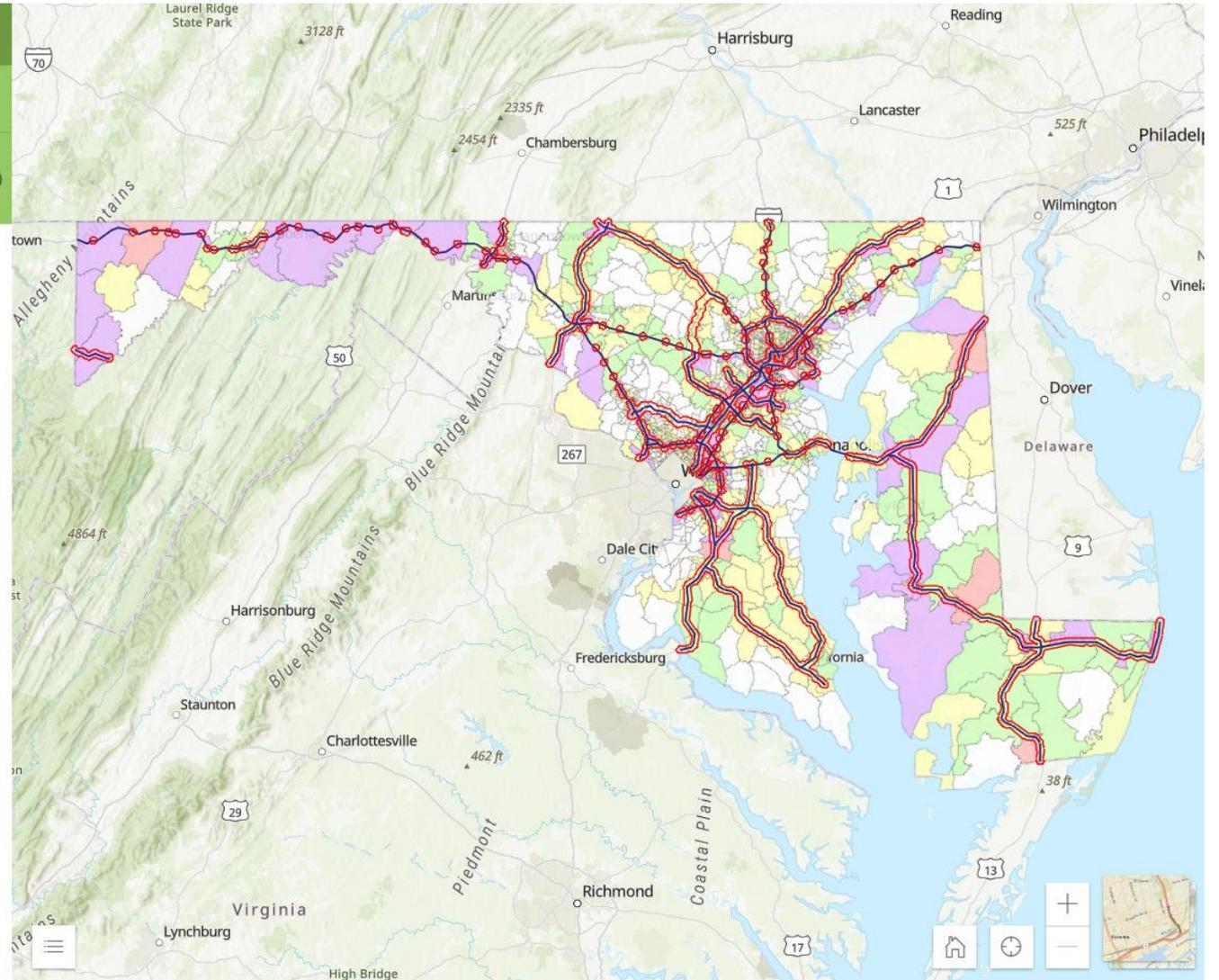
There are five buttons on the right-hand side of the map. A detailed list is shown below.

The **Home Button** will clear any current searches and the map will appear empty as it did before any searches occurred.

The **Plus** and **Minus** allow you to zoom in and out of the map.

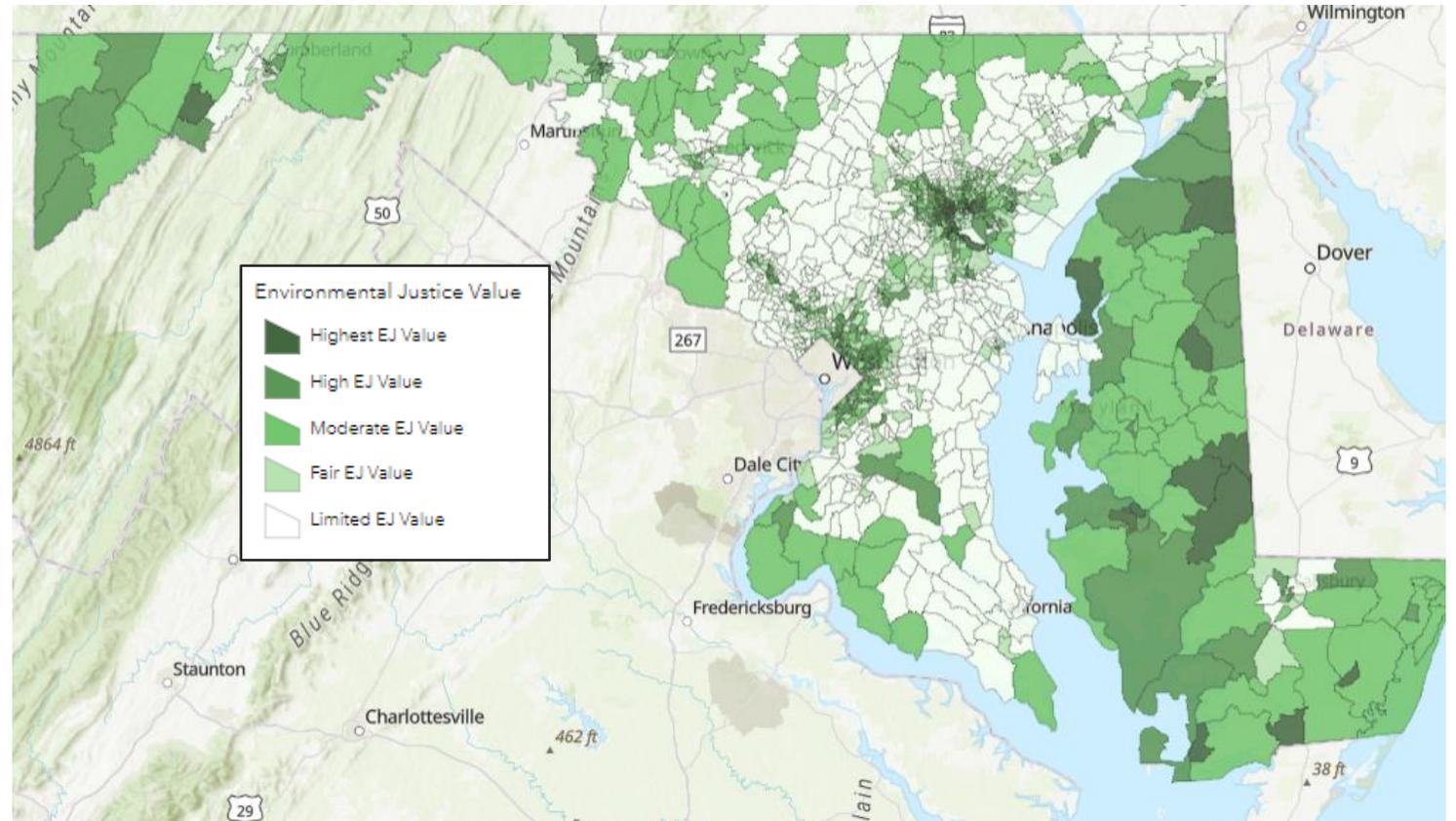
The **Legend** summarizes map colors and pins as they relate to the scoring and charging location details.

Find My Location will automatically select and highlight your current location on the map.



NEVI Toolkit – Environmental Justice Score

- Environmental Justice Score
 - National Datasets
 - Justice40
 - CDC Social Vulnerability Index
 - USDOT Historically Disadvantage Communities
 - State Datasets
 - UMD/MDE EJSCREEN
 - DHCD Rural Areas



NEXT STEPS

Next Steps

- RFI
 - Responses due before end of October
- RFP Release
 - MDOT TSO, SHA, & MEA developing program
 - Target release date December 1st
- NEVI Plan will be updated next summer to unlock Federal Fiscal Year 2024 Funding
- Continuing Outreach

DISCUSSION

HOW CAN THE CEJSC AND
COMMUNITIES STAY INVOLVED?

Resources and Contacts

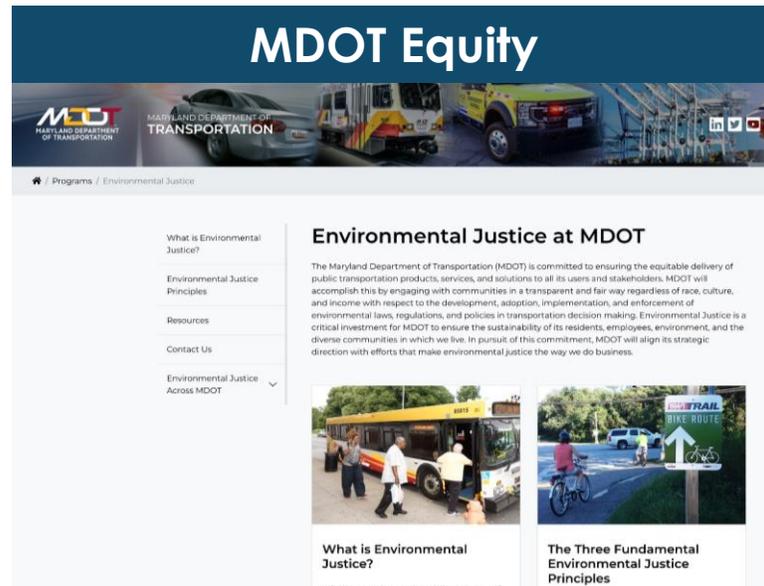
MDOT, Office of Planning and Capital Programming
Dan Janousek
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The screenshot shows the ZEEVIC Website interface. At the top, there is a dark blue header with the text "ZEEVIC Website" in white. Below the header, the Maryland.gov logo is visible on the left, and navigation links for "State Directory", "State Agencies", and "Trans" are on the right. The main content area features a sidebar on the left with a list of menu items: "Planning and Capital Programming", "Long-Range Planning", "Regional Planning", "Capital Programming", "Commuter Choice", "Freight and Multimodal", "Transit Oriented Development", "Bike/Walk", "Walktober", and "Climate Change". The main content area is titled "MARYLAND ZERO EMISSION Electric Vehicle Infrastructure Council" and includes a banner image of an electric vehicle charging station and a group of people. Below the banner, there is a section titled "About the Council" with a paragraph of text. To the right of this text is a "Maryland by the Numbers" section with two data points: "54,305 Registered EVs" and "1,266 Stations 3,475 Outlets". At the bottom of the screenshot, a dark blue banner contains the URL <https://marylandev.org/>.



The screenshot shows the MDOT NEVI Plan/Program website. At the top, there is a dark blue header with the text "MDOT NEVI Plan/Program" in white. Below the header, the Maryland.gov logo is on the left, and the "MARYLAND ZERO EMISSION Vehicle Infrastructure Plan" logo is on the right. The main content area features a large image of a white Chevrolet Bolt EV and a blue Volkswagen ID.4. Below the image, there is a dark blue banner with the text "Maryland Zero Emission Vehicle Infrastructure Plan" and a URL <https://evplan.mdot.maryland.gov/>.



The screenshot shows the MDOT Equity website. At the top, there is a dark blue header with the text "MDOT Equity" in white. Below the header, the Maryland Department of Transportation logo is on the left, and a banner image of a bus and a van is on the right. The main content area features a sidebar on the left with a list of menu items: "What is Environmental Justice?", "Environmental Justice Principles", "Resources", "Contact Us", "Environmental Justice Across MDOT", and "Environmental Justice". The main content area is titled "Environmental Justice at MDOT" and includes a paragraph of text. Below the text, there are two images: one of a bus and one of a person riding a bicycle. Below the images, there are two sections: "What is Environmental Justice?" and "The Three Fundamental Environmental Justice Principles".

www.mdot.maryland.gov/environmentaljustice